

## Document Log Item

Addressing	
<b>From</b>	<b>To</b>
David Albright/R9/USEPA/US	Adam Freedman/R9/USEPA/US@EPA Adam Freedman/R9/USEPA/US
<b>CC</b>	<b>BCC</b>
David Basinger/R9/USEPA/US@EPA George Robin/R9/USEPA/US@EPA R9-Deep	Kate Rao/R9/USEPA/US@EPA
<b>Description</b> Form Used: Reply	
<b>Subject</b>	<b>Date/Time</b>
Re: (Shell) C6 CCS Plugging & Abandonment Plans	02/26/2010 11:28 AM
<b># of Attachments</b>	<b>Total Bytes</b>
0	29,726
<b>NPM</b>	<b>Contributor</b>
Processing	
<b>Comments</b>	

Body

## Document Body

Deliberative Ex. (b)(5)

[Redacted]

Adam Freedman---02/26/2010 10:02:58 AM---Deliberative Ex. (b)(5)

[Redacted]

From: Adam Freedman/R9/USEPA/US  
To: David Basinger/R9/USEPA/US@EPA  
Cc: David Albright/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep  
Date: 02/26/2010 10:02 AM  
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

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Deliberative Ex. (b)(5)  
[Redacted text block]

[Redacted text block]

Deliberative Ex. (b)(5)  
[Redacted text block]

-Adam

David Basinger---02/26/2010 09:26:10 AM---

Deliberative Ex. (b)(5)

From: David Basinger/R9/USEPA/US  
To: George Robin/R9/USEPA/US@EPA  
Cc: Adam Freedman/R9/USEPA/US@EPA, David Albright/R9/USEPA/US@EPA, R9-Deep  
Date: 02/26/2010 09:26 AM  
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

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Deliberative Ex. (b)(5)

Dave

George Robin---02/25/2010 02:21:20 PM---

Deliberative Ex. (b)(5)

From: George Robin/R9/USEPA/US  
To: Adam Freedman/R9/USEPA/US@EPA

Cc: David Albright/R9/USEPA/US@EPA, R9-Deep  
Date: 02/25/2010 02:21 PM  
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

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Deliberative Ex. (b)(5)

[Redacted]

[Redacted]

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George

Adam Freedman---02/24/2010 05:13:47 PM---

Deliberative Ex. (b)(5)

[Redacted]

[Redacted]

From: Adam Freedman/R9/USEPA/US  
To: David Albright/R9/USEPA/US@EPA  
Cc: George Robin/R9/USEPA/US@EPA, R9-Deep  
Date: 02/24/2010 05:13 PM  
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

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Deliberative Ex. (b)(5)

David Albright---02/24/2010 05:02:13 PM---Deliberative Ex. (b)(5)

From: David Albright/R9/USEPA/US  
To: Adam Freedman/R9/USEPA/US@EPA  
Cc: George Robin/R9/USEPA/US@EPA, R9-Deep  
Date: 02/24/2010 05:02 PM  
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

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Deliberative Ex. (b)(5)

Re: (Shell) C6 CCS Plugging & Abandonment Plans

**Re: (Shell) C6 CCS Plugging & Abandonment Plans** 

**Adam Freedman**

to: George Robin

02/24/2010  
04:55 PM

Cc: R9-Deep

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Deliberative Ex. (b)(5) [Redacted]

-Adam

George Robin---02/23/2010 11:11:14 AM---Thanks Adam, Deliberative Ex. (b)(5) [Redacted]

From: George Robin/R9/USEPA/US  
To: Adam Freedman/R9/USEPA/US@EPA  
Cc: R9-Deep  
Date: 02/23/2010 11:11 AM  
Subject: (Shell) C6 CCS Plugging & Abandonment Plans

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Thanks Adam,

Deliberative Ex. (b)(5) [Redacted]

Deliberative Ex. (b)(5)

[Redacted]

[Redacted]

Deliberative Ex. (b)(5)

[Redacted]

George

Adam Freedman---02/23/2010 10:46:53 AM---George--

Deliberative Ex. (b)(5)

From: Adam Freedman/R9/USEPA/US  
To: George Robin/R9/USEPA/US@EPA  
Date: 02/23/2010 10:46 AM  
Subject: Re: Fw: C6 CCS Plugging & Abandonment Plans

George--

Deliberative Ex. (b)(5)  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

-Adam

George Robin---02/18/2010 12:49:10 PM---Adam, Deliberative Ex. (b)(5)

[Redacted]

From: George Robin/R9/USEPA/US  
To: Adam Freedman/R9/USEPA/US@EPA  
Date: 02/18/2010 12:49 PM  
Subject: Fw: C6 CCS Plugging & Abandonment Plans

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Adam, Deliberative Ex. (b)(5)

- Deliberative Ex. (b)(5)  
[Redacted]  
[Redacted]  
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[Redacted]  
[Redacted]  
[Redacted]

George

----- Forwarded by George Robin/R9/USEPA/US on 02/18/2010 12:39 PM -----

From: <Damonica.Pierson@Shell.com>



To: Adam Freedman/R9/USEPA/US@EPA  
Cc: George Robin/R9/USEPA/US@EPA  
Date: 02/17/2010 10:00 AM  
Subject: RE: C6 CCS Plugging & Abandonment Plans

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Adam and George, attached below is a schematic that visually represents the temporary and permanent P&A for the injection well. There is a note on the drawing that indicates similar P&A procedures for the monitoring well. Realizing that you originally requested two separate drawings, let me know if this will suffice.

-----Original Message-----

**From:** Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

**Sent:** Tuesday, February 09, 2010 6:18 PM

**To:** Pierson, Damonica M SEPCO-SWE

**Cc:** robin.george@epa.gov

**Subject:** C6 CCS Plugging & Abandonment Plans

Damonica,

In Attachment Q of your permit application, C6 describes their general plugging and abandonment (P&A) plans. I am requesting that C6 submit schematics (similar to Figure M-1) that will complement that written description. The schematics should visually represent both the temporary and permanent P&A plans as submitted (two separate schematics should be prepared), showing where the cement plugs will be, where mud will be used, an accurate portrayal of the wells after any of the temporarily installed monitoring equipment is removed, and the depths of relevant geologic formations. For guidance, on this website (<http://www.epa.gov/region09/water/groundwater/uic-permits.html#lapaloma>) click on the Final Permit

for La Paloma Generating Company and see Figures 9a and 9b. If you have any questions, please feel free to contact me. Thank you.

Adam Freedman  
Environmental Scientist, Underground Injection Control  
U.S. Environmental Protection Agency, Region 9  
75 Hawthorne Street (WTR-9)  
San Francisco, CA 94105-3901  
415.972.3845  
freedman.adam@epa.gov [attachment "TA\_PA well schematic Injection Well.ppt" deleted by Adam Freedman/R9/USEPA/US]